

ADVANCE

A NOVA | MASON PARTNERSHIP

A.S. Social Sciences: Geospatial
Specialization / B.A. Geography Pathway
2023-2024

A.S. Social Sciences: Geospatial Specialization

ADVANCE Program Milestones

ADVANCE Milestone Requirements: All ADVANCE students must adhere to the following requirements. For Milestones #1-#3, failure to meet these milestones will prevent a student from matriculating to Mason and/or result in termination from ADVANCE. For Milestones #4-#7, failure to meet these milestones may delay matriculation to Mason.

1. Students must complete their NOVA degree within 4 years of being admitted into ADVANCE. Students are highly encouraged to be continuously enrolled at NOVA/Mason to support progress towards degree completion.
2. Students must maintain a minimum 2.5 cumulative GPA at NOVA and must have a minimum 2.5 GPA upon matriculation to Mason.
3. Students who wish to enroll at Mason for the fall semester must apply for NOVA spring graduation by March 1 or summer graduation by June 1. Students who wish to enroll at Mason for the spring semester must apply for NOVA fall graduation by October 1.
4. Students must begin developmental coursework no later than the first semester in ADVANCE at NOVA.
5. Students must take first college-level MTH course and ENG 111 in the semester immediately following the completion of any MDE or EDE courses (excluding summer).
6. In the first 30 credits, students must complete ENG 111 and ENG 112 with a C or better.
7. Students must complete a Mason Core Quantitative Reasoning course equivalent with a C or better no later than one semester before NOVA graduation. Refer to your pathway to select the appropriate MTH course(s).

| | NOVA DEGREE REQUIREMENT | Credits | Courses | MASON TRANSFER EQUIVALENT | MASON CORE/DEGREE EQUIVALENT |
|----|----------------------------|---------|---|--|------------------------------------|
| 1 | SDV Course | 1 | SDV 100 College Success Skills OR SDV 101 Orientation to XXX | UNIV 100 | General Elective |
| 2 | ENG 111 | 3 | ENG 111 College Composition I ¹ | ENGH 101 | Written Comm |
| 3 | GIS 101 | 3 | GIS 101 Introduction to Geospatial Technology | GGG 110 | Major |
| 4 | MTH 154 | 3 | MTH 154 Quantitative Reasoning | MATH 106 | Quantitative |
| 5 | Science Course #1 | 4 | BIO 101 General Biology I OR ENV 121 General Environmental Science I OR GOL 105 Physical Geology OR PHY 100 Elements of Physics | BIOL 103/105 EVPP 108/109 GEOL 101/103 PHYS 103 | Nat Science |
| 6 | ENG 112 | 3 | ENG 112 College Composition II ¹ | ENGH XXX | General Elective |
| 7 | GIS 200 | 4 | GIS 200 Geographical Information Systems I | GGG L311 | Major |
| 8 | ITE 152 | 3 | ITE 152 Introduction to Digital and Information Literacy and Computer Applications | IT 104 | Info Tech |
| 9 | MTH 245 | 3 | MTH 245 Statistics I | STAT 250 | General Elective |
| 10 | Science Course #2 | 4 | BIO 101 General Biology I OR BIO 102 General Biology II OR ENV 121 General Environmental Science I OR ENV 122 General Environmental Science II OR GOL 105 Physical Geology OR GOL 106 Historical Geology OR PHY 100 Elements of Physics | BIOL 103/105 BIOL 102 EVPP 108/109 EVPP 112/113 GEOL 101/103 GEOL 102/104 PHYS 103 | Nat Science |
| 11 | CST Course | 3 | CST 100 Principles of Public Speaking OR CST 110 Introduction to Human Communication | COMM 100 COMM 101 | Oral Comm |
| 12 | GEO 200 | 3 | GEO 200 Introduction to Physical Geography | GGG 102 | Major |

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|----|-------------------------------|---|--|--|--------------------------|
| 13 | GIS 201 | 4 | GIS 201 Geographical Information Systems II | GGG L470 | Major |
| 14 | HIS Course | 3 | HIS 101 Western Civilizations Pre-1600 CE OR HIS 102 Western Civilizations Post-1600 CE OR HIS 112 World Civilizations Post-1500 CE (<i>recommended</i>) | HIST 101 HIST 102 HIST 125 | Global History |
| 15 | Humanities/Fine Arts | 3 | ART 100 Art Appreciation OR ART 101 History of Art: Prehistoric to Gothic OR ART 102 History of Art: Renaissance to Modern OR CST 130 Introduction to Theatre OR CST 151 Film Appreciation I OR MUS 121 Music in Society | ARTH 101 ARTH 200 ARTH 201 THR 101 ENGH L372 MUSI 101 | Arts |
| 16 | ENG Literature Elective | 3 | ENG 225 Reading Literature: Culture and Ideas OR ENG 245 British Literature OR ENG 246 American Literature OR ENG 255 World Literature OR ENG 258 African American Literature OR ENG 275 Women in Literature OR Any 200-Level ENG Literature course ² | ENGH 202 or FRLN L330 (ENG 255 only) | Literature |
| 17 | GIS 203 | 3 | GIS 203 Cartography for GIS | GGG L310 | Major |
| 18 | PSY 200 or SOC 200 | 3 | PSY 200 Principles of Psychology OR SOC 200 Introduction to Sociology | PSYC 100 SOCI 101 | Soc/Behav |
| 19 | Social/Behavioral Sciences #1 | 3 | GEO 210 People and the Land: An Intro to Cultural Geography | GGG 103 | Major & COS Soc/Behav |
| 20 | Social/Behavioral Sciences #2 | 3 | GEO 220 World Regional Geography | GGG 101 | Global Understanding |

A. S. SOCIAL SCIENCES (GEO)

DEGREE TOTAL 62

For academic policies and procedures, please see NOVA catalog - <http://www.nvcc.edu/catalog/index.html>

B.A. Geography

Concentrations: Environmental Geography; Health Geography; Geoanthropology; Urban Planning

| | MASON DEGREE REQUIREMENT | Credits | Course | MASON CORE/DEGREE EQUIVALENT |
|----|---|---------|--|------------------------------|
| 21 | College Requirement: Foreign Language | 6 | Approved foreign language course ³ (<i>Students may opt to take two 3-credit language courses, if available</i>) | Major |
| 22 | Concentration/Add'l Program Courses | 3 | Approved Concentration or Minor course ^{4,5} | Major |
| 23 | Concentration/Add'l Program Courses | 3 | Approved Upper-Level Concentration or Minor course ^{4,5} | Major |
| 24 | Geography Electives | 3 | Any 300- or 400-level GGS course | Major |
| 25 | College Requirement: Foreign Language | 3 | Approved foreign language course ³ | Major |
| 26 | Core Courses | 3 | GGG 300 Quantitative Methods for Geographical Analysis | Major |
| 27 | General Electives | 3 | Upper-Level General Elective (See: Advisor) | General Elective |
| 28 | Breadth and Experience | 3 | Approved Regional Course ⁴ | Major |
| 29 | Concentration/Add'l Program Courses | 3 | Approved Upper-Level Concentration or Minor course ^{4,5} | Major |
| 30 | Breadth and Experience | 3 | Approved Systematic Course ⁴ | Major |
| 31 | College Requirement: Foreign Language | 3 | Approved foreign language course ³ | Major |
| 32 | Gen Ed: Written Communication (Upper-level) | 3 | ENGH 302 Advanced Composition | Written Comm |

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|----|---|---|---|---------------------------|
| 33 | Gen Ed: Synthesis and Concentration Courses | 3 | GGS 303 Geography or Resource Conservation OR GGS 304 Population Geography | Synthesis & Major |
| 34 | Concentration/Add'l Program Courses | 3 | Approved Upper-Level Concentration or Minor course ^{4,5} | Major |
| 35 | Core Courses | 3 | GGS 415 Seminar in Geographic Thought and Methodology | Major & Writing Intensive |
| 36 | Core Courses | 3 | GGS 485 Capstone in Geography and Geoinformation Science | Major |
| 37 | College BA Requirement | 3 | Select additional Upper-Level Mason Core Arts, Literature, or Global Understanding ⁶ (Course must be in a different discipline than selected at NOVA; See: Advisor) | Major |
| 38 | Concentration/Add'l Program Courses | 3 | Approved Upper-Level Concentration or Minor course ^{4,5} | Major or General Elective |
| 39 | General Electives | 3 | Upper-Level General Elective (See: Advisor) | General Elective |

B.A. GEOGRAPHY DEGREE
TOTAL **122**

Important Academic Information:

¹Students who complete ENG 111 after Spring 2024 will earn ENGH elective for ENG 111 and ENGH 101 for ENG 112.

²200-level ENG literature classes include: ENG 225, ENG 230, ENG 236, ENG 237, ENG 245, ENG 246, ENG 250, ENG 255, ENG 256, ENG 257, ENG 258, ENG 271, ENG 275, and ENG 279.

³For approved Foreign Language Courses, please visit - <https://catalog.gmu.edu/colleges-schools/science/geography-geoinformation-science/geography-ba/#requirementstext>

⁴For approved Systematic, Regional, and Concentration courses, please visit: <https://catalog.gmu.edu/colleges-schools/science/geography-geoinformation-science/geography-ba/#requirementstext>

⁵Students who are not selecting a concentration must choose an established minor or second major that provides 15 unique credits. If 15 unique credits are not available in the chosen minor or second major, additional GGS courses may be taken to fulfill this requirement; please consult with an advisor for details.

⁶For approved additional Mason Core courses for the COS College BA Requirement, please visit - <https://catalog.gmu.edu/colleges-schools/science/geography-geoinformation-science/geography-ba/#requirementstext>

Additional General Notes & Resources:

- Candidates for a degree in geography must complete the approved GGS geography courses with a minimum GPA of 2.00. Students interested in pursuing a Bachelor's/Accelerated Master's (BAM) program should contact their advisor in their first term after transferring to Mason. For more information about BAM programs, visit: <https://catalog.gmu.edu/colleges-schools/science/geography-geoinformation-science/geography-ba/#acceleratedmasterstext>
- Students who complete a VCCS transfer associate degree (AS, AA, & AFA) will receive a waiver of the Foundation and Exploration (lower division) Mason Core general education categories. To be eligible for the waiver, the students must provide the Mason Office of Admissions with a final, official transcript reflecting the degree conferral date. As a prerequisite for ENGH 302, ENGH 101 is not waived. Students must complete ENGH 100 or ENGH 101, or an equivalent, with a C or higher.
- For academic policies and procedures, please see Mason catalog - <https://catalog.gmu.edu/policies/>
- Students seeking a bachelor's degree must apply at least 45 credits of upper-level courses (numbered 300 or above) toward graduation.

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